

## REAGENT FOR THE ISOLATION OF RNA

### ABSTRACT OF THE DISCLOSURE

The present invention provides RNA extraction reagents, methods and kits that are especially useful for extracting RNA. The reagents, methods and kits of the present invention are especially useful for extracting RNA, for example, cytoplasmic RNA, from difficult materials, from plants, especially, difficult plant tissues, such as those containing phenolics, tannins, polysaccharides (such as starch) and resins. Comparative high yields are obtainable according to the present invention when compared to conventional reagents and methods. The RNA preparations obtained in accordance with the present invention are also of high quality as demonstrated by superior A<sub>260/280</sub> results and by gel electrophoresis.